



*(Use as many sheets as necessary)*

Sheet

1

of

---

2

Application Number

10/650.585

Filing Date

August 28, 2003

**First Named Inventor**

Thibeault, D. et al

## Art Unit

|                |
|----------------|
| To be assigned |
|----------------|

Examiner Name

To be assigned

Attorney Docket Number

13/082-1-D1

[illegible]

| FOREIGN PATENT DOCUMENTS |                       |   |                                |  |   |                |
|--------------------------|-----------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials*       | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                       | Country Code <sup>3</sup> *Number <sup>4</sup> *Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                          |                       | WO 01/68818   | 09/20/2001                     | ISTITUTO DI RICERCHE DI<br>BIOLOGIA MOLECOLARE P.  |   |                |
|                          |                       | WO 97/08304   | 03/06/1997                     | ISTITUTO DI RICERCHE DI<br>BIOLOGIA MOLECOLARE P.  |   |                |
|                          |                       |   |                                |  |   |                |
|                          |                       |   |                                |  |   |                |
|                          |                       |   |                                |  |   |                |
|                          |                       |   |                                |  |   |                |

**Examiner  
Signature**

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

***If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.***



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

2

of

22

### Complete if Known

Application Number 10/650,585

Filing Date August 28, 2003

First Named Inventor Thibeault, D. et al

Art Unit To be assigned

Examiner Name To be assigned

Attorney Docket Number 13/082-1-D1

### NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.                            | T <sup>2</sup> |
|-----------------------|--------------------------|--|----------------|
|                       |                          | LILIANA CHEMELLO ET AL, The effect of interferon alfa and ribavirin combination therapy in naive patients with chronic hepatitis C; Journal of Hepatology 1995; Vol. 23 (suppl.2) page 8-12; issue number 0169-5185; Clinica Medica 2 and Anatomia Patologica, University of Padova, Italy |                |
|                       |                          | M. WENZEL ET AL; Establishment of a Cell-based Assay for Evaluation of Compounds against HCV NS2-3 Protease Activity; Session 8.H. Paper 91; 1999 page 409; XP-001041586   |                |
|                       |                          | LUISA PIERONI ET AL; In Vitro Study of the NS2-3 Protease of Hepatitis C Virus; Journal of Virology 9/1997 page 6373-6380 Vol. 71 No. 9; American Society for Microbiology   |                |
|                       |                          | PAUL L. DRAKE ET AL; Inhibition of Hepatitis C Virus NS2/3 processing by NS4A peptides; The Journal of Biological Chemistry; 1999, Vol. 274 No. 49 page 34511-34514; The American Society for Biochemistry and Molecular Biology, Inc. USA   |                |
|                       |                          | KAREN E. REED ET AL; Hepatitis C Virus-Encoded NS2-3 Protease: Cleavage-Site Mutagenesis and Requirements for Bimolecular Cleavage; Journal of Virology 7/1995 Vol. 69 No. 7 page 4127-4136; American Society for Microbiology   |                |
|                       |                          | ELISA SANTOLINI ET AL; The NS2 Protein of Hepatitis C Virus Is a Transmembrane Polypeptide; Journal of Virology 12/1995 Vol. 69 No. 12 page 7461-7471; American Society for Microbiology   |                |
|                       |                          | DIANE THIBEAULT ET AL; In Vitro Characterization of a Purified NS2/3 Protease Variant of Hepatitis C Virus; The Journal of Biological Chemistry; 12/2001, Vol. 276 No. 49 page 46678-46684; The American Society for Biochemistry and Molecular Biology, Inc                               |                |
|                       |                          | Copy of International Search Report for PCT/CA 01/01796  |                |
|                       |                          |  |                |
|                       |                          |  |                |
|                       |                          |  |                |

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.